

ENERGY EXTENSIONS MENU

<p><u>Gizmo-Potential Energy on Shelves</u></p> <p>http://www.explorellearning.com/index.cfm?method=cResource.dspDetail&ResourceID=399</p> <p>Complete the Student Exploration Sheet and answer the Assessment questions.</p>	<p><u>Potential Energy Posters</u></p> <p>Research the different types of potential energy, and work in pairs to design a poster showing an example of each type. Label your poster with arrows to identify different types of potential energy. (Possible use of creating a Glog-see me).</p>	<p><u>Illustrate Vocabulary</u></p> <p>Create a Keynote or a set of flashcards by writing each vocabulary term on one side of the card. Find an illustration for the word and place it on the next slide or the reverse side of each card.</p>
<p><u>Local Energy Use</u></p> <p>Create an album of examples of energy use in your lives. You can draw pictures, cut them out of magazines, use images from your computer. Write a short caption for each picture that includes the type of energy it illustrates. For example, electric energy next to a light bulb, nuclear energy next to a star or the Sun.</p>	<p style="text-align: center;">STUDENT CHOICE</p> <p style="text-align: center;">(check with Mr. Heck with your choice)</p>	<p><u>A Day in the Life of Energy</u></p> <p>Work in pairs or groups of three to write a short skit that follows energy through one day as it transforms from one type to another. Start by using your text to list all the types of potential and kinetic energy you will include in your work. Brainstorm how these types of energy exist in a classroom. Demonstrate how these types of energy can be linked together in a 3-5 minute iMovie.</p>
<p><u>Earth Collision</u></p> <p>On page 165 of our text, "Visualizing Kinetic Energy" it talks of a meteorite striking Earth about 65 million years ago. Do some research of some of the possible effects due to this collision, and present your findings in a Keynote or an iMovie for the class.</p>		<p><u>Gizmo-Roller Coaster Physics</u></p> <p>http://www.explorellearning.com/index.cfm?method=cResource.dspDetail&ResourceID=405</p> <p>Complete the Student Exploration Sheet and answer the Assessment questions.</p>